Amendments to Specification

On page 2, line 29 through page 3, line 9, please replace the existing paragraph with the following substitute paragraph:

5   Similarly, categorizing the documents themselves into groups of related documents may be necessary as an aid to post-text mining document analysis. Text mining creates a multi-dimensional problem space that can be difficult to intuitively comprehend based on the presence of concepts and terms within the document collection overlapping by various degrees. Data visualization tools are available to display groups or "clusters" of documents, such as described in

10   commonly-assigned U.S. Patent No. 6,888,548, issued May 3, 2005 ~~patent applications, Serial No. 09/944,475, filed August 31, 2001, pending,~~ and U.S. Patent No. 6,778,995, issued August 17, 2004 ~~Serial No. 09/943,918, filed August 31, 2001, pending,~~ and U.S. Patent application, Serial No. 10/084,401, filed February 25, 2002, pending, the disclosures of which are incorporated by

15   reference. Data visualization tools enable a user to rapidly comprehend and pare down the potential search field within a document collection, based on extracted concepts and terms.

On page 14, lines 13-18, please replace the existing paragraph with the following substitute paragraph:

20   For example, assume a normalized score vector 57 for a first document A is $\vec{S}_A = \{(5, 0.5), (120, 0.75)\}$ and a normalized score vector 57 for another document B is $\vec{S}_B = \{(3, 0.4), (5, 0.75), (47, 0.15)\}$. Document A has scores corresponding to concepts '5' and '120' and Document B has scores corresponding to concepts '3,' '5' and [[~~'120.'~~]] '47.' Thus, these documents

25   only have concept '5' in common.